TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2017-06-22-03** **Date: 24-06-17**

Sample ID No : 2017-06-22-03/03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.74	–
2	Specific Gravity	2.57	–
3	Material finer than 75 micron(%)	1.8	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

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Prepared by
Harshitha

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

AE-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

****End of Report****

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TEST RESULTS OF GRADATION FOR GSB
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID	:	**CP-RW-2017-06-22-03** **Date: 24-06-17**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvememts to roads & drains at kammagondanahalli Jarakabande kaval slum near church in ward No.12 in Shettyhalli Sub Division.
Agency	:	Technical manager (West), karnataka Rural Infrastructure Development Limited, Project Implementation unit, No.280, 59th Cross, 17th 'C' main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010
Customer Reference	:	BBMP/EE/DD/WO/119/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-06-17
Sample ID No	:	2017-06-22-03/01
Type of Mix	:	GSB (Granular Sub Base)
Date of test	:	22-06-17
Oven Dry Weight	:	11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec. Limit Vide Table 400.1 MORTH Specification
75	0	0	0	100	100
53	178	178	1.6	98.4	80-100
26.5	1857	2035	18.5	81.5	55-90
9.5	1078	3113	28.3	71.7	35-65
4.75	2995	6108	55.5	44.5	25-55
2.36	1875	7983	72.6	27.4	20-40
0.425	1498	9481	86.2	13.8	10-25
0.075	1001	10482	95.3	4.7	0-5

TESTS ON FILLER SCREEN MATERIALS

Sl no	Particulars	Test results	Spec.Limit Vide Table 400.2 MORTH Specification
1	Liquid Limit, %	23.50%	Maximum 25
2	Plasticity index, %	Non plastic	Maximum 6

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Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2017-07-03-02 **Date: 05-07-17**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvememts to roads & drains at kammagondanahalli Jarakabande kaval slum near church in ward No.12 in Shettyhalli Sub Division.

Agency : Technical manager (West), karnataka Rural Infrastructure Development Limited, Project Implementation unit, No.280, 59th Cross, 17th 'C' main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010

Customer's Reference : BBMP/EE/DD/WO/119/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 03-07-17

Sample ID No : 2017-07-03-02/01

Customer ID : C.C Road

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
1	C.C Road	M30	28/06/2017	05/07/2017	149.11 X 149.21 X 150.44	22249	8.178	574.0	25.8	25.6
2	C.C Road	M30	28/06/2017	05/07/2017	150.47 X 150.22 X 150.47	22604	8.145	590.0	26.1	
3	C.C Road	M30	28/06/2017	05/07/2017	150.32 X 150.87 X 150.54	22679	8.158	564.7	24.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2017-07-03-02** **Date: 05-07-17**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvememts to roads & drains at kammagondanahalli Jarakabande kaval slum near church in ward No.12 in Shettyhalli Sub Division.
Agency	:	Technical manager (West), karnataka Rural Infrastructure Development Limited, Project Implementation unit, No.280, 59th Cross, 17th 'C' main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010
Customer's Reference	:	BBMP/EE/DD/WO/119/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-07-17
Sample ID No	:	2017-07-03-02/02
Customer ID	:	C.C Road
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	05/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	C.C Road	M30	28/06/2017	05/07/2017	150.00 X 150.14 X 150.35	22521	8.198	572.0	25.4	25.1
2	C.C Road	M30	28/06/2017	05/07/2017	152.00 X 150.55 X 152.00	22884	8.135	574.4	25.1	
3	C.C Road	M30	28/06/2017	05/07/2017	150.56 X 149.24 X 150.74	22470	8.214	559.5	24.9	

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AE-1L

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